		SIFICATION Release 2003/08/11 : CIA-RD CENTRAL INTELLIGENCE /	P82-00457 GENCY	R003 100340010-3. REPORT NO.
•	11	IFORMATION RI	EPORT	CD NO. 25X1 / 7
COUNTRY	Germany (Russian	Zone)		DATE DISTR. 1 SEP 49
SUBJECT	Production of Bl Leipzig	ower Machines at Jäger &	Co.,	NO. OF PAGES 2
PLACE 25X1 ACQUIRED				NO. OF ENCLS.
DATE OF INFO. 25X1				SUPPLEMENT TO REPORT NO.
THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE				
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	10.4			
1.	The manufacture of blower installations for the production of penicillin at Jager & Co., Leipzig will be accelerated at the expense of all other types of production like, for example, that of grain elevators. The Russians have ordered almost complete stoppage in the production of grain elevators.			
2. 25X1 25X1	The construction of specially large blower machines, which are called "disintegrators", will be especially favored			
3. The machines are built for the purfficetion of gases and possess the following characteristics:				
		Dimensions		
	25X1	Greatest width	8 m	and an artist of the second of
		Greatest height	4.5 m	This document is hereby regraded to CONFIDENTIAL in accordance with the letter of 16 October 1973 from the
600	C7 5	Weight of shaft with runners	4,500 Kg	Director of Central Intelligence to the Archivist of the United States.
HAL		Diameter of bearing	160 mm	Next Review Date: 2003
	9 11/1/17 4 5	peratieral Data		
1/2/1		Amount of gas handled	6	0,000-80,000 cu.m. per hour
		Type of gas processed		amp half-water gas, containing ulphurous water
		Suction temperature	7	5° C
Bank to a 2		Suction pressure		.95 atm
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25X1

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STATE

25X1

CENTRAL INTELLIGENCE AGENCY

-2-

Temperature increase in

blower

at intake

25° C

Specific weight of gas

0.63-0.74

Suction pipe sockets

900 mm in diameter

Exhaust pressure

1.26-1.32 atm

Number of revolutions of

blower

720 per minute

Voltage of motor

6,000 V

Driving output

450 Kw

c. Variations in Operation

Suction pressure

0.95 atm

Suction temperature

- 30° C

Exhaust temperature

≠ 30° C

- 4. Several machines of the same type were built with an intake having an NW 700 and a diameter of 500 mm, and amintake quantity of 20,000 32,000 cu.m. per hour; the machines are intended for water gas, coke oven gas, or air. The intake temperature lies between 30° and 00°C, the exhaust temperature between 50° and 75°C. These machines are supposedly to wash the gas as it is sucked in. The casing contains guide metal sheets which are perforated and which lie directly before the runners. The machines need to be cleaned every two months.
- 5. A great scarcity of material prevails for the reason that the required cast steel parts which are being delivered can be used only to a limited extent because they show defects.
- 6. Monthly production comprises the following:
 - a. Reparations: 6 T G 4 N A/2 Grain elevators

3 TKK K 1

Turbine capsule blowers

10 K P 300 S A Penicillin blowers

b. Code Name: Dessin

b. Other: 9 T P 6 N A/2

Turbine pumps

6 K G

Capsule blowers

50 Water pumps driven by compressed air